

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of )  
 )  
ARIE VAN ZON, ROBERT MOENE, )  
PHILLIP E. UNGER, PETER ARNOLDY, )  
and ERIC J. M. DE BOER )  
 )  
 )  
PROCESS FOR MAKING A LINEAR )  
ALPHA-OLEFIN OLIGOMER USING A )  
HEAT EXCHANGER )  
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September 23, 2003

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:


INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

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FORM PTO-1449 (Modified)  LIST OF INFORMATION PROVIDED BY APPLICANT  (Use several sheets if necessary)				ATTY. DOCKET NO. TS1260 (US)		APPLICATION NUMBER	
				APPLICANT A. Van Zon et al.			
				FILING DATE		GROUP ART UNIT	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	5,198,563	3/30/93	Reagen et al.	556	57	
	AB	5,288,823	2/22/9	Reagen et al.	526	124	
	AC	5,382,738	1/17/95	Reagen et al.	585	512	
	AD	5,550,305	8/27/96	Wu	585	513	

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation Yes      No
	AF	135,873	3/4/20	Great Britain			
	AG	0,611,743 B1	7/2/97	Europe	C07C	2/3	
	AH	WO 99/52631	10/21/99	World	B01J	31/18	
	AI	WO 02/06192 A1	1/24/02	World	C07C	2/32	
	AJ	0,608,447 A1	1/26/93	Europe	C08F	10/00	
	AK	WO 94/25416	11/10/94	World	C07C	2/34	
	AL	WO 02/04119 A1	1/17/02	World	B01J	31/18	
	AM	WO 96/27439	9/12/96	World	B01J	31/18	
	AN	0,614,865 A1	3/9/94	Europe	C07C	2/30	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
AR	W. Kaminsky and M. Arndt-Rosenau, Chemical Background in Applied Homogeneous Catalysis with organometallic Compounds, Ed. B. Cornils, W. A. Herrmann, 2 <sup>nd</sup> Edition, Vol. 1, Ch. 2.3.1.1, pp. 213-230, Wiley-VCH 2002
AS	D. Vogt, Oligomerisation of ethylene to higher alpha-olefins in Applied Homogeneous Catalysis with organometallic Compounds, Ed. B. Cornils, W. A. Herrmann, 2 <sup>nd</sup> Edition, Vol. 1, Ch. 2.3.1.1, page 240-253, Wiley-VCH 2002)
AT	R.M. Manyik, W.E. Walker, T.P. Wilson, J. Catal., 1977, 47, 197 and J.R. Briggs, Chem. Commun. 1989 and cited references

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.